SMALL VEHICLE WITH FUEL CELL THAT HAS ELEMENTS COOLED BY VENTILATION SYSTEM

Abstract of the Disclosure

An electric motor-driven vehicle comprises a seat disposed centrally on a vehicle body, a loading platform located over a loading platform receiving frame and behind the seat, and a plurality of main frame rails connected to the loading platform receiving frame. The vehicle further comprises a fuel supply piping system, at least one battery, a fuel cell and at least one fuel tank. A plurality of air intake openings are formed on the vehicle body in front of the fuel cell and the at least one battery. The plurality of air intake openings are configured to receive at least part of the air caused to flow rearward by the propulsion of the vehicle to cool the fuel cell and the at least one battery. The fuel cell optionally comprises a fan and is optionally disposed in a fuel cell holder having lateral ends that define openings. The fan is configured to draw at least part of the air caused to flow rearward by the propulsion of the vehicle through the openings on the fuel cell holder to cool the fuel cell.